Express Mail No.: <u>EL 168 278 775 US</u>

	ATTY. DOCKET NO.	APPLICATION NO.		
O P LISTOF REFERENCES CITED BY APPLICANT	9301-044	09/616,849		
LISTON REFERENCES CITED BY APPLICANT	APPLICANT			
not n n anna 1 (555 5575147 57751577)	Burchard			
001 U 9 Z001 H	FILING DATE	GROUP		
Ž	July 14,2000	1655		

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	<u> </u>	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
14	AA	09/303,082		Friend and Stoughton			4/30/99
	AB	09/364,751		Friend et al.			7/30/99
	AC	09/408,582		Stoughton et al.			9/29/99
	AD	60/084,742		Friend and Stoughton			5/8/98
	AE	60/090,046		Friend and Stoughton			6/19/98
	AF	4,946,778	8/7/90	Ladner et al.	435	69.6	
	AG	5,445,934	8/29/95	Fodor et al.	435	6	
	АН	5,510,270	4/23/96	Fodor et al.		518	
	Ai	5,539,083	7/23/96	Cook et al.		333	
	AJ	5,552,270	9/3/96	Khrapko et al.	435	6	
	AK	5,556,749	9/17/96	Mitsuhashi et al.	435		
	AL	5,556,752	9/17/96	Lockhart et al.	425		
	АМ	5,569,588	10/29/96	Ashby et al.	435		
	AN	5,578,832	11/26/96	Trulson et al.		458.1	
	AO	5,716,785	2/10/98	van Gelder et al.		6	
	AP	5,723,320	3/3/98	Dehlinger	435		
	AQ	5,744,305	04/28/98	Fodor et al.	435		
	AR	5,817,461	10/6/98	Austin et al.	435		-
	AS	5,837,832	11/17/98	Chee et al.	536		
	AT	5,856,103	01/05/99	Gray et al.	435	6	
$\perp$	AU	5,965,352	10/12/99	Stoughton and Friend	435	4	
$\perp$	AV	6,027,890	02/22/00	Ness et al.		6	
	AW	6,040,138	03/21/00	Lockhart et al.	1	6	
	AX	6,110,676	08/29/00	Coull et al.	<del>                                     </del>	6	
	AY	6,132,969	10/17/00	Stoughton	435	<del></del>	
	AZ	6,146,593	11/14/00	Pinkel et al.		(28.1	
	ВА	6,146,830	11/14/00	Friend and Stoughton		6	
	вв	6,156,502	12/5/00	Beattie	435		
1	вс	6,171,794	1/9/01	Friend et al Burchard et al.		6	
<b>b</b> ,	BD	6,218,122	4/17/01	Friend and Stoughton	435	6	
1	BE	6,271,002	8/7/01	Lingsley et al.	435		



		OCT 8 9 2001 W				Sile	et <u>2</u> of <u>6</u>		
	Ţ	\~ &/	FORE	IGN PATENT DOCUMENTS					
	<u> </u>	DOCUMENT NUMBERS	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
B	BF	WO 88/09810	12/15/88	PCT	7				
	BG	WO 90/11364	10/4/90	PCT		(			
	вн	WO 98/38329 🗸	9/3/98	PCT					
	ВІ	WO 98/41531 🗸	9/24/98	PCT					
	BJ	WO 99/11820	3/11/99	PCT					
<b></b>	ВК	WO 00/43942	7/27/00	PCT					
6	BL	WO 00/53811	9/14/00	PCT		1			
	<u> </u>								
		OTHER RE	FERENCES (In	cluding Author, Title, Date, Pertinent Pages, Etc.)					
R	ВМ	Albretsen et al., 1988, myc-oncogene DNA pr		ditions for hybridization with oligonucleotides Biochem 170:193-202.	s: a stud	y with			
	BN/	Altschul et al., 1990, J.	Mol. Biol. 21	5:403-410		<u> </u>			
	ВО	Altschul et al., 1997, N	ucl. Acids Re	s. 25:3389-3402					
	BP/	Anderson et al., 1994,	Adv. Immuno	I. 56:171-178					
	BQ ,	Anshelevich VV et al.,	1984, "Slow r	elaxational processes in the melting of linea	r biopoly	mers: a t	heory and		
	BQ/			polymers. Jan;23(1):39-58			Ĭ		
	BR	ATCC T1B-152							
	BS ~	ATCC CCL-243							
	BT ~	Beattie et al., 1995, "Hybridization of DNA targets to glass-tethered oligonucleotide probes", Mol Biotechnol 4:213-225.							
	BU_	∕Belshaw et al., 1996, P	roc. Natl. Aca	ad. Aci. USA 93:4604-4607					
	BV ′	Bernoist and Chambon, 1981, Nature 290:304-310							
	BW/								
	BX /								
	BY								
	BZ		hetic DNA Arı	rays" in Genetic Engineering (Plenum Press	, New Y	ork) Vol. 2	20 pp.111-		
	CA /	Paguaki and Sahular 1	005 N-t O-	40.000.074					
<del></del>	CB/	Boguski and Schuler, 1			<del></del>				
	CC/			neering (IRL Press) Vol. 2 pp. 295-361					
	CD	Brinster et al., 1982, Na		42					
	CE /	Burke et al., 1984, Cell		L Soi: LISA 02:2000 2042					
	CF_	Cech et al., 1987, Scien		l. Sci. USA 92:3809-3813					
	CG/	Chetverin and Kramer,			<del></del>	<u> </u>			
	CH CH	Chirgwin et al., 1979, B							
W	CI~	Claverie, 1996, Meth. E							
		Clavelle, 1990, Mettl. E	114 YIHOI. 2001	C14-641					

la Octo

1	$\Delta$	T	
TI.	TE	$\searrow$	Cole et al., 1985, Monoclonal Antibodies and Cancer Therapy (Alan R. Liss, Inc.) Pp.77-96
Ή_	$\perp$		Cotten and Birnstiel, 1989, EMBO J. 8:3861-3866
720	03	<b>2011</b> C	DeRisi et al., 1996, Nat. Gen. 14:457-460
<b>A</b>	$\rightarrow$	1	Dohmen et al., 1994, Science 263:1273-1276
ENT	E TRA	C	Dujon et al., 1994, Nature 369:371-378
	_	C	Egholm et al., 1993, Nature 363:566-568
<u> </u>		CI	Feldman et al., 1994, EMBO J. 13:5795-5809
<u> </u>	$\dashv$	C	Ferguson et al., 1996, Nat. Biotech. 14:1681-1684
<u> </u>	$\dashv$	CI	Fodor et al., 1991, Science 251:767-773
	$\perp$	C	Froehler et al., 1986, Nucl. Acids Res. 14:5399-5407
<u> </u>	$\bot$	c-	Galibert et al., 1996, EMBO J. 15:2031-2049
<u> </u>	$\perp$	CI	Gari et al., 1997, Yeast 13:837-848
<u> </u>	$\bot$	C	Gautier et al., 1987, Nucl. Acids Res. 15:6625-6641
	_	CV	Gibson, 1996, Cancer and Metastasis Rev. 15:287-299
_	_	C)	Goffeau et al., 1996, Science 274:546-567
_		C	Good et al., 1997, Gene Ther. 4:45-54
	$\perp$	CZ	Gossen et al., 1995, Proc. Natl. Acad. Sci. USA 89:5547-5551
<u> </u>	$\perp$	DA	Grassi and Marini, 1996, Ann. Med. 28:499-510
	$\perp$	DE	Griffiths et al., 1994, EMBO J. 13:3245-3260
<u> </u>	$\rightarrow$	DC	Guo, 1996, Dissertation, University of Wisconsin
	1	DE	Guo et al., 1997, "Enhanced discrimination of single nucleotide polymorphisms by artificial mismatch
			hybridization", Nat Biotechnol 15:331-335.
		DE	Haseloff and Gerlach, 1988, Nature 334:585-591
<u></u>		DF	
<u> </u>	/	DG	Hershkowitz, 1987, Nature 329:219-222
	$\perp$	DH	Hoffman et al., 1996, Proc. Natl. Acad. Sci. USA 83:5185-5190
		DI	Hoffman et al., 1997, Nucl. Acids. Res. 25:1078-1079
<u> </u>	4	Det	http://ftp.geneme:washington.edu/cgi-bin/RepeatMasker-
	$\perp$	DK	Huse et al., 1989, Science 246:1275-1281
	$\perp$	DL	Hyndman et al., 1996, Biotechniques 20:1090-1096
	1	DM	Ikuta et al., 1987, "Dissociation kinetics of 19 base paired oligonucleotide-DNA duplexes containing different
	1		single mismatched base pairs", Nucleic Acids Res 15:797-811
	$\perp$	DN	Inoue et al., 1987, Nucl. Acids Res. 15:6131-6148
<u></u>	$\perp$	DO	Inoue et al., 1987, FEBS Lett. 215:327-330
<u></u>	1	DP	Johnston et al., 1994, Science 265:2077-2082
<u></u>	_	DQ	Johnston et al., 1984, Mol. Cell. Biol. 4:1440-1448
1	<b>k</b> _	DR	Kajimura et al., 1990, "Application of long synthetic oligonucleotides for gene analysis: effect of probe length
			and stringency conditions on hybridization specificity", Genet Anal Tech Appl 7:71-79.



TPA	DS	Kerjan et al., 1986, Nucl. Acids Res. 14:7861-7871
4	DT	Khrapko et al., 1991, J. DNA Sequencing and Mapping 1:375-388
0 9 2001	<u>"</u> þu	Khrapko et al. 1991, Molecular Biology 25:581-591
d	DV	Khrapko, 1999, "Harvard Nathan Shock Center: High Throughput Technology Core"
TRADEMARY	1	http://www.hms.harvard.edu/aging/nathan/high.html
	DW	Khrapko et al., 1999, Poster Abstract, Chips to Hits '99 Conference, November 2-5, 1999
	DX	Ko et al., 1993, Mol. Cell. Biol. 13:638-648
	DY	Kohler and Milstein, 1975, Nature 256:495-497
	DZ	Koizumi et al., 1988, FEBS Lett. 239:285-288
	EA	Koizumi et al., 1988, FEBS Lett. 228:228-230
A	EB	Kozbor and Roder, 1983, Immunol. Today 4:72
	EC	Lemaitre et al., 1989, Proc. Natl. Acad. Sci. USA 84:648-652
	ED	Lipshutz et al., 1999, Nature Genetics Supplement 21:20-24
	EE	Lockhart et al., 1996, Nat. Biotech. 14:1675-1680
	EF	Lodish et al., 1995, Molecular Biology of the Cell (W.H. Freeman and Co., New York) Chapter 8
	EG	Marks et al., 1992, J. Biol. Chem. 267:16007-16010
	EH	Mascorro-Gallardo et al., 1996, Gene 172:169-170
	EI	Maskos and Southern, 1992, Nucl. Acids Res. 20:1679-1684
	EJ	McBride and Caruthers, 1983, Tertahedron Lett. 24:245-248
	EK	McGall et al., 1996, Proc. Natl. Acad. Sci. USA 93:13555-13560
	EL	Miyoshi et al., 1995, Nucl. Acids Res. 23:2762-2769
	ЕМ	Morgan et al., 1988, Immunol. Today 9:84-86
	EN	Morrison et al., 1984, Proc. Natl. Acad. Sci. USA 81:6851-6855
-	ΕO	Mumberg et al., 1994, Nucl. Acids Res. 22:5767-5768
	EΡ	Neuberger et al., 1984, Nature 312:604-608
	ĒQ	Nguyen et al., 1995, Genomics 29:207-216
	€R	Nicoloso et al., 1989, "Titration of variant DNA sequences differing by a single point-mutation by selective dot-blot hybridization with synthetic oligonucleotides", Biochem Biophys Res Comm 159:1233-1241.
		Niemeyer et al., 1998, "Hybridization characteristics of biomolecular adaptors, covalent DNAstreptavidin
	ES	conjugates", Bioconjug Chem 9:168-175.
+ -	EΤ	No et al., 1996, Proc. Natl. Acad. Sci. USA 93:3346-3351
1	EU	Nocka et al., 1990, EMBO J. 9:1805-1813
	EV	Paulus et al., 1996, J. Virol. 70:62-67
-	EW	Pease et al., 1994, Proc. Natl. Acad. Sci. USA 91:50225026
1	EX	Perlmutter and Alberola, 1996, Curr. Opin. Immunol. 8:285-290
dil	EY	Persson et al., 1997, "Analysis of oligonucleotide probe affinities using surface plasmon resonance: a
11/1		means for mutational scanning", Anal Biochem 246:34-44.

of of

				Sheet 5 of 6
		<b>M</b>	EZ	Pettitt et al., 1996, Dev. 122:4149-4157
	) I P	E	FA	Press et al., 1992, "Solution of Linear Algebraic Equations" Numerical Recipes in C (Cambridge University Press) Chapter 2
oct	0 9	2001	න්\     FB	Ramirez-Solis et al., 1993, Meth. Enzymol. 225:855-878
			FC	Ray et al., 1997, Proc. Natl. Acad. Sci. USA 94:3229-3234
(d	PACIFI	MEN	FD	Santa Lucia, 1998, Proc. Natl. Acad. Sci. USA 95:1460-1465
			FE	Sarin et al., 1988, Proc. Natl. Acad. Sci. USA 85:7448-7451
		Щ	FF	Sarver et al., 1990, Science 247:1222-1225
		Ш	FG	Schena et al., 1996, Proc. Natl. Acad. Sci. USA 93:10614
			FН	Schena et al., 1995, Science 270:467-470
ļ	$\perp$		FI	Schuler, 1997, J. Mol. Med. 75:694-698
-	$\perp$		FJ	Schuler et al., 1996, Science 274:540-546
ļ	$\bot$		FK	Shalon et al., 1996, Genome Res. 6:639-645
}	$\bot$		FL	Shimizu et al., 1992, J. Biochem. 111:272-277
1	$\perp$		FM	Southern et al., 1994, Nucl. Acids. Res. 22:1368-1373
-	$\perp$		FN	Southern et al., 1992, Genomics 13:1008-1017
ļ	_		FO	Spencer, 1996, Trends Gen. 12:181-187
-	_		FP	Spradling et al., 1995, Proc. Natl. Acad. Sci. USA 92:10824-10830
-	_		FQ	Stein et al., 1988, Nucl. Acids Res. 16:3209
			FR	Stimpson et al., 1995, "Real-time detection of DNA hybridization and melting on oligonucleotide arrays by using optical wave guides", Proc Natl Acad Sci USA 92:6379-6383.
L			FS	Straus and Weiss, 1992, Cell 70:585-593
ļ			FT	Takeda et al., 1985, Nature 314:452-454
Ĺ		$\perp$	FU	Thomas and Capecchi, 1987, Cell 51:503-512
		11	_FV	van der Krol et al., 1988, BioTechniques 6:958-976
			FW	Vernier et al., 1996, "Radioimager quantification of oligonucleotide hybridization with DNA immobilized on transfer membrane: application to the identification of related sequences", Anal Biochem 235:11-19.
L	,,	11	FX	Wagner et al., 1981, Proc. Natl. Acad. Sci. USA 78:1441-1445
				Wang et al., 1995, "Origins of high sequence selectivity: a stopped-flow kinetics study of DNA/RNA hybridization by duplex- and triplex-forming oligonucleotides", Biochem 34:9774-9784.
				Wetmur, 1991, "DNA probes: applications of the principles of nucleic acid hybridization", Crit Rev Biochem Mol Biol 26:227-259.
				www.ncbi.nlm.nih.gov Genbank Accession U83115. Human non-lens beta gamma-crystallin like protein (AIM1) mRNA, partial cds.
				www.ncbi.nlm.nih.gov Genbank Accession U18778. Saccharomyces cerevisiae chromosome V cosmids 9537, 9581, 9495, 9867, and lambda clone 5898
	n	/		www.ncbi.nlm.nih.gov Genbank Accession D43968. Human AML1 mRNA for AML1b protein (alternatively spliced product), complete cds.

pt odo,

	611	E	GD	cds					
		10.70	GE \	Yamamoto et al., 1980, Cell 22:787-797					
PAT	Ču.	9 20	S. C.	Young and Wagner, 1991, "Hybridization and dissociation rates of phosphodiester or modified oligodeoxynucleotides with RNA at near-physiological conditions", Nucleic Acids Res 19:2463-2470.					
	~ E 1	RADE	GG						
GH Zon, 1988, Pharm. Res. 5:5				Zon, 1988, Pharm. Res. 5:539-549					
	EXAMINER		W W		DATE CONSIDERED Oct 01				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line					onformance with MPFP 609: Draw line through citation if not				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.